

Notice of Allowability	Application No.	Applicant(s)	
	09/537,367	SAWANO, TAKASHI	
	Examiner	Art Unit	
	CHAN S. PARK	2622	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8/16/05.
2. ☒ The allowed claim(s) is/are 1,3,7-19,21 and 25-46.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

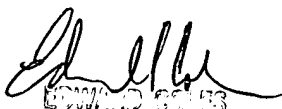
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
|--|--|


 EDWARD GALES
 SUPERVISOR
 TECHNICAL STAFF

✓

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. George W. Hartnell, III, Reg. No. 42,639 on October 20, 2005.

2. The application has been amended as follows:

Claim 7, line 1, "as set forth in claim 6" should be -- as set forth in claim 1 --;

Claim 10, line 2, insert -- the -- between "includes" and "re-transmission";

Claim 13, line 2, insert -- the -- between "includes" and "re-transmission";

Claim 19, line 12, "a leading side" should be -- the leading side --;

Claim 25, lines 1-2, "as set forth in claim 24" should be -- as set forth in claim 19 --;

Claim 26, line 5, "a leading side" should be -- the leading side --;

Claim 26, line 7, "a tailing side" should be -- the tailing side --;

Claim 31, line 8, "a tailing side" should be -- the tailing side --;

Claim 32, line 3, "a leading side" should be -- the leading side --;

Claim 32, line 4, "a tailing side" should be -- the tailing side --;

Claim 34, line 11, "a leading side" should be -- the leading side --; and

Claim 39, line 16, "a tailing side" should be -- the tailing side --.

Specification

3. The corrected or substitute specification was received on 5/21/04. The specification is acceptable.

Drawings

4. The corrected or substitute drawings were received on 5/21/04. The drawings are acceptable.

Allowable Subject Matter

5. **Claims 1, 3, 7-19, 21 and 25-46** are allowed. These claims will be renumbered as 1-38.
6. The following is an examiner's statement of reasons for allowance:

Independent claim 1 defines a printing system for printing print data created by and transmitted from a host device. The claimed system comprises a printing device and a re-transmission requesting means which requests the host device to re-transmit the second print data to the printing device when the print data are to be printed out in multiple copies and the memory capacity is not enough to store the second print data initially. The claim distinguishes over the prior art in that "the memory means stores a tailing side of the print data as the first print data and stores transmitted data from the host device from a leading side, and when stored data reaches the memory capacity, the memory means overwrites the stored data from the leading side so as to store the transmitted data."

Independent claims 18, 19, 34-36 and 39-46 claim same/similar limitations claimed for claim 1.

Independent claim 14 defines a printing system for printing print data created by and transmitted from a host device. The claimed system comprises a printing device and a transmission requesting means which requests the host device to transmit the second print data to the printing device when the print data are to be printed out in multiple copies and the memory capacity is not enough to store the second print data initially. The claim distinguishes over the prior art in that "when the print data exceed a memory capacity of the memory means, the print data are printed out and comprise the first print data, which correspond to print data within the memory capacity of the memory means, and the second print data, which correspond to print data exceeding the memory capacity of the memory means and which are transmitted from the host device."

The most relevant prior art Kono (Japanese Patent Publication No. 10044529) teaches the printing system comprising the re-transmitting requesting means for requesting the host device to re-transmit the second print data to the printing device. However, Kono does not teach the applicant's combination of the re-transmission requesting means and the claimed memory means.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Art Unit: 2622

Contact Information

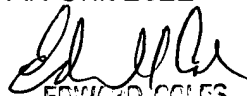
5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHAN S. PARK whose telephone number is (571) 272-7409. The examiner can normally be reached on M-F 8am-4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Coles can be reached on (571) 272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

csp
October 20, 2005

Chan S. Park
Examiner
Art Unit 2622


EDWARD COLES
SUPERVISORY PATENT EXAMINER
TECH